

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/02302

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 G06F3/033 G06K11/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F G06K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/015718 A1 (BATHICHE STEVEN N ET AL) 23 August 2001 (2001-08-23) paragraphs '0065!', '0066! paragraphs '0075!', '0076! paragraph '0108! paragraphs '0151!'-'0167! figures 15,16,18B	1-12
A	EP 0 869 343 A (MATSUSHITA ELECTRIC IND CO LTD) 7 October 1998 (1998-10-07) column 4, line 48 -column 9, line 43 figures 1-12	1,4,11

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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Date of the actual completion of the international search

28 May 2003

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2001015718 A1	23-08-2001	US 2002067334 A1	06-06-2002
		US 6396477 B1	28-05-2002
		US 6333753 B1	25-12-2001
		US 6232957 B1	15-05-2001
		EP 1241557 A2	18-09-2002
		JP 2002323945 A	08-11-2002
		US 2001011995 A1	09-08-2001
		US 6559830 B1	06-05-2003
EP 0869343 A	07-10-1998	JP 10281904 A	23-10-1998
		JP 11037862 A	12-02-1999
		JP 11148877 A	02-06-1999
		EP 0869343 A1	07-10-1998
		US 6293160 B1	25-09-2001